



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hu *et al.*

Appl. No.: 09/935,726

Filed: August 24, 2001

For: **Vascular Endothelial Growth
Factor 2**

Confirmation No.: 3533

Art Unit: 1647

Examiner: Landsman, Robert S.

Atty. Docket: 1488.100000O/HCC/LMB

**Eighth Supplemental Information Disclosure Statement
Under 37 C.F.R. § 1.97(b)**

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Forms PTO/SB/08A and PTO/SB/08B are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. This Eighth Supplemental Information Disclosure Statement is a continuation of Applicants' Seventh Supplemental Information Disclosure Statement filed on November 19, 2004 in connection with the above-captioned application.

Copies of documents **FP1-FP7** and **NPL1-NPL31** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of U.S. patents and patent application publications, documents **US1-US9**, cited on the attached Form PTO/SB/08A, are not submitted.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following discussion of the relevance of the non-English language document **FP4** cited on Form PTO/SB/08A: Document **FP4**, WO 00/73430 A3, is in a foreign

language. An English language abstract of document FP4 can be found on the face page of the patent.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

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This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Helene C. Carlson
Agent for Applicants
Registration No. 47,473

Date: 3/22/06

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

491828

Substitute for form 1449/P-18

**EIGHTH SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/935,726
Filing Date	August 24, 2001
First Named Inventor	Hu, Jing-Shan
Art Unit	1647
Examiner Name	Landsman, Robert S.
Attorney Docket Number	1488.100000O/HCC/LMB

Sheet	1	of	1
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ^o
		Country Code ¹ Number ² Kind Code ³ (if known)			
	FP1	WO 91/02058	02/21/1991	California Biotechnology Inc.	
	FP2	WO 99/02545	01/21/1999	Novopharm Biotech Inc.	
	FP3	WO 99/20749	04/29/1999	Medical Research Council	
	FP4	WO 00/73430 A3	12/07/2000	Max-Delbrück-Centrum für Molekulare Medizin	Abs
	FP5	WO 00/75163	12/14/2000	Human Genome Sciences, Inc.	
	FP6	WO 01/57226 A1	08/09/2001	Millennium Pharmaceuticals, Inc.	
	FP7	WO 01/58956 A3	08/16/2001	Basf Aktiengesellschaft	

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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PTO/SB/08B (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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EIGHTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/935,726
				Filing Date	August 24, 2001
				First Named Inventor	Hu, Jing-Shan
				Art Unit	1647
				Examiner Name	Landsman, Robert S.
Sheet	1	of	4	Attorney Docket Number	1488.100000O/HCC/LMB

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
	NPL1	Altshuler, D., <i>et al.</i> , "Taurine promotes the differentiation of a vertebrate retinal cell type in vitro," <i>Development</i> 119:1317-1328, The Company of Biologists Limited (December 1993)	
	NPL2	Better, M., <i>et al.</i> , "Escherichia coli Secretion of an Active Chimeric Antibody Fragment," <i>Science</i> 240:1041-1043, American Association for the Advancement of Science (1988)	
	NPL3	Böcker-Meffert, S., <i>et al.</i> , "Erythropoietin and VEGF Promote Neural Outgrowth from Retinal Explants in Postnatal Rats," <i>Invest. Ophthalmol. Vis. Sci.</i> 43:2021-2026, Association for Research in Vision and Ophthalmology (June 2002)	
	NPL4	Colwell, D.E., <i>et al.</i> , "Method for Generating a High Frequency of Hybridomas Producing Monoclonal IgA Antibodies," <i>Meth. Enzymol.</i> 121:42-51, Academic Press, Inc. (1986)	
	NPL5	Danis, R.P., <i>et al.</i> , "Anti-angiogenic therapy of proliferative diabetic retinopathy," <i>Exp. Opin. Pharma.</i> 2:395-407, Ashley Publications Ltd. (March 2001)	
	NPL6	Enholm, B., <i>et al.</i> , "Vascular Endothelial Growth Factor-C: A Growth Factor for Lymphatic and Blood Vascular Endothelial Cells," <i>Trends Cardiovasc. Med.</i> 8:292-297, Elsevier Science Inc. (October 1998)	
	NPL7	Ferrara, N., "Vascular Endothelial Growth Factor and the Regulation of angiogenesis," <i>Recent Prog. Hormone Res.</i> 55:15-36, The Endocrine Society (March 2000)	
	NPL8	Halin, C. and Neri, D., "Antibody-Based Targeting of Angiogenesis," <i>Crit. Rev. Ther. Drug Carrier Syst.</i> 18:299-339, Begell House, Inc. (August 2001)	
	NPL9	Hannink, M., <i>et al.</i> , "Deletions in the C-Terminal Coding Region of the v-sis Gene: Dimerization Is Required for Transformation," <i>Molec. Cell. Biol.</i> 6:1304-1314, American Society for Microbiology (1986)	
	NPL10	Hirai, M., <i>et al.</i> , "Expression of Vascular Endothelial Growth Factors (VEGF-A/VEGF-1 and VEGF-C/vVEGF-2) in Postmenopausal Uterine Endometrial Carcinoma," <i>Gynecol. Oncol.</i> 80:181-188, Academic Press (February 2001)	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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EIGHTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/935,726
				Filing Date	August 24, 2001
				First Named Inventor	Hu, Jing-Shan
				Art Unit	1647
Examiner Name	Landsman, Robert S.				
Sheet	2	of	4	Attorney Docket Number	1488.100000O/HCC/LMB

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL11	Houck, K.A., <i>et al.</i> , "The Vascular Endothelial Growth Factor Family: Identification of a Fourth Molecular Species and Characterization of Alternative Splicing of RNA," <i>Molec. Endocrinol.</i> 5:1806-1814, Williams & Wilkins (1991)	
	NPL12	Joosten, V., "The production of antibody fragments and antibody fusion proteins by yeasts and filamentous fungi," <i>Microbial Cell Factories</i> 2:1-15, BioMed Central (January 2003)	
	NPL13	Kelley, M.W., <i>et al.</i> , "Regulation of Proliferation and Photoreceptor Differentiation in Fetal Human Retinal Cell Cultures," <i>Invest. Ophthalmol. Vis. Sci.</i> 36:1280-1289, Association for Research in Vision and Ophthalmology (June 1995)	
	NPL14	Longo, R., <i>et al.</i> , "Anti-angiogenic therapy: Rationale, challenges and clinical studies," <i>Angiogenesis</i> 5:237-256, Kluwer Academic Publishers (December 2002)	
	NPL15	Ngo, J.T., <i>et al.</i> , "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," in: <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , Merz, Jr., K. and Le Grand, S., eds., Birkhäuser, Boston, MA, pp. 491-495 (January 1994)	
	NPL16	Rudikoff, S., <i>et al.</i> , "Single amino acid substitution altering antigen-binding specificity," <i>Proc. Natl. Acad. Sci. USA</i> 79:1979-1983, National Academy of Sciences (1982)	
	NPL17	Schlaeppli, J.-M., <i>et al.</i> , "Characterization of a new potent, in vivo neutralizing monoclonal antibody to human vascular endothelial growth factor," <i>J. Cancer Res. Clin. Oncol.</i> 125:336-342, Springer-Verlag (May 1999)	
	NPL18	Schratzberger, P., <i>et al.</i> , "Reversal of experimental diabetic neuropathy by VEGF gene transfer," <i>J. Clin. Invest.</i> 107:1083-1092, American Societies for Clinical Investigation (May 2001)	
	NPL19	Schulz-Key, S., <i>et al.</i> , "Ciliary Neurotrophic Factor as a Transient Negative Regulator of Rod Development in Rat Retina," <i>Invest. Ophthalmol. Vis. Sci.</i> 43:3099-3108, Association for Research in Vision and Ophthalmology (September 2002)	
	NPL20	Seigel, G.M., "The golden age of retinal cell culture," <i>Molec. Vis.</i> 5:4, Molecular Vision (April 1999)	

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				First Named Inventor	Hu, Jing-Shan
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Sheet	3	of	4	Attorney Docket Number	1488.100000O/HCC/LMB

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL21	Skerra, A. and Pluckthun, A., "Assembly of a Functional Immunoglobulin F _v Fragment in <i>Escherichia coli</i> ," <i>Science</i> 240:1038-1041, American Association for the Advancement of Science (1988)	
	NPL22	Stacker, S.A. and Achen, M.G., "The Vascular Endothelial Growth Factor Family: Signalling for Vascular Development," <i>Growth Factors</i> 17:1-11, Harwood Academic Publishers (March 1999)	
	NPL23	Vale, P.R., <i>et al.</i> , "Percutaneous Electromechanical Mapping Demonstrates Efficacy of pVGL1(VEGF2) in an Animal Model of Chronic Myocardial Ischemia," <i>Circulation Suppl.</i> 100:I.22, Abstract No. 109, American Heart Association Inc. (November 1999)	
	NPL24	Vale, P.R., <i>et al.</i> , "Randomized, Single-Blind, Placebo-Controlled Pilot Study of Catheter-Based Myocardial Gene Transfer for Therapeutic Angiogenesis using Left Ventricular Electromechanical Mapping in Patients With Chronic Myocardial Ischemia," <i>Circulation</i> 103:2138-2143, American Heart Association Inc. (May 2001)	
	NPL25	van der Flier, M., <i>et al.</i> , "Antibody neutralization of vascular endothelial growth factor (VEGF) fails to attenuate vascular permeability and brain edema in experimental pneumococcal meningitis," <i>J. Neuroimmunol.</i> 160:170-177, Elsevier B.V. (March 2005)	
	NPL26	Verma, I.M. and Somia, N., "Gene therapy - promises, problems and prospects," <i>Nature</i> 389:239-242, Macmillan Publishers Ltd. (September 1997)	
	NPL27	Walsh, D.A., "Angiogenesis and arthritis," <i>Rheumatology</i> 38:103-112, British Society for Rheumatology (February 1999)	
	NPL28	Winkler, K., <i>et al.</i> , "Changing the Antigen Binding Specificity by Single Point Mutations of an Anti-p24 (HIV-1) Antibody," <i>J. Immunol.</i> 165:4505-4514, The American Association of Immunologists (October 2000)	
	NPL29	NCBI Entrez, Accession No. AF010302, Mandriota S.J. and Pepper, M.S. (first available July 16, 1997)	
	NPL30	NCBI Entrez, Accession No. S08167, Paulsson, G. <i>et al.</i> (first available April 23, 1993)	

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Application Number	09/935,726
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First Named Inventor	Hu, Jing-Shan
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Attorney Docket Number	1488.100000O/HCC/LMB

Sheet	4	of	4
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NON PATENT LITERATURE DOCUMENTS

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Hu *et al.*

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For: Vascular Endothelial Growth
Factor 2

Confirmation No.: 3533

Art Unit: 1647

Examiner: Landsman, Robert S.

Atty. Docket: 1488.100000O/HCC/LMB

Ninth Supplemental Information Disclosure Statement
Under 37 C.F.R. § 1.97(b)

Commissioner for Patents
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Sir:

Listed on accompanying Forms PTO/SB/08A and PTO/SB/08B are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. This Ninth Supplemental Information Disclosure Statement is a continuation of the Applicants' Eighth Supplemental Information Disclosure Statement filed herewith in connection with the above-captioned application.

Copies of documents FP8-FP18 and NPL32-NPL68 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of U.S. patents, documents US10-US16, cited on the attached Form PTO/SB/08A, are not submitted.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following discussion of the relevance of the non-English language documents FP9 and FP10 cited on Form PTO/SB/08A:

Document **FP9**, JP 64-38100 A, is in the Japanese language. An English language abstract of document FP9 is attached as document **NPL38**.

Document **FP10**, JP 2-117698 A, is in the Japanese language. An English language abstract of document FP10 is attached as document **NPL39**.

Applicants would also like to bring to the attention of the Examiner that, for the following documents, the months of publication could not be determined to the best of the Applicants' ability: **NPL55**, Spranger, J. and Pfeiffer, A.F.H., "New concepts in pathogenesis and treatment of diabetic retinopathy," *Exp. Clin. Endocrinol. Diabetes* 109(Suppl. 2):S438-S450, J.A. Barth Verlag (2001); and **NPL56**, Stacker, S.A. and Achen, M.G., "The Vascular Endothelial Growth Factor Family: Signalling for Vascular Development," *Growth Factors* 17:1-11, Taylor & Francis (1999).

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Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Helene C. Carlson
Agent for Applicants
Registration No. 47,473

Date: 3/22/06

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**NINTH SUPPLEMENTAL
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(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	1488.1000000/HCC/LMB
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ¹ Number ¹ Kind Code ¹ (if known)				
	FP8	EP 0 186 084 A2	07/02/1986	Merck & Co. Inc.		
	FP9	JP 64-38100 A	02/08/1989	Toray Ind. Inc.		Abs
	FP10	JP 2-117698 A	05/02/1990	Ajinomoto KK and Toray Ind. Inc.		Abs
	FP11	EP 0 399 816 A1	11/28/1990	Merck & Co. Inc.		
	FP12	WO 94/11506 A1	05/26/1994	Arch Development Corporation		
	FP13	WO 00/45835 A1	08/10/2000	Human Genome Sciences, Inc. and Rosen <i>et al.</i>		
	FP14	WO 02/11769 A1	02/14/2002	Human Genome Sciences, Inc. and Coleman		
	FP15	WO 02/083704 A1	10/24/2002	Human Genome Sciences, Inc. and Rosen <i>et al.</i>		

Examiner Signature		Date Considered	
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NINTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	09/935,726
				Filing Date	August 24, 2001
				First Named Inventor	Hu, Jing-Shan
				Art Unit	1647
				Examiner Name	Landsman, Robert S.
Sheet	1	of	4	Attorney Docket Number	1488.1000000/HCC/LMB

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
	NPL32	Borg, J.-P., <i>et al.</i> , "Biochemical characterization of two isoforms of FLT4, a VEGF receptor-related tyrosine kinase," <i>Oncogene</i> 10:973-984, Stockton Press (March 1995)	
	NPL33	Capogrossi, M.C., "Gene Therapy of Coronary Artery Disease," Project No. Z01 AG00811-01, Abstract (January 1994)	
	NPL34	Capogrossi, M.C., "Gene Therapy of Coronary Artery Disease," Project No. Z01 AG00811-02, Abstract (January 1995)	
	NPL35	Choi, I.H., <i>et al.</i> , "Angiogenesis and Mineralization During Distraction Osteogenesis," <i>J. Korean Med. Sci.</i> 17:435-447, The Korean Academy of Medical Sciences (August 2002)	
	NPL36	Copy of Declaration of Dr. Kari Alitalo, In re of: U.S. Application No. 08/585,895, Alitalo <i>et al.</i> , filed January 12, 1996, submitted November 26, 1997	
	NPL37	Dias, S., <i>et al.</i> , "Vascular endothelial growth factor (VEGF)-C signaling through FLT-4 (VEGFR-3) mediates leukemic cell proliferation, survival, and resistance to chemotherapy," <i>Blood</i> 99:2179-2184, The American Society of Hematology (March 2002)	
	NPL38	English language abstract of JP 64-38100 A, cited as document FP9 on Form PTO/SB/08A, Derwent Accession No. 1989-088700/198912	
	NPL39	English language abstract of JP 2-117698 A, cited as document FP10 on Form PTO/SB/08A, Derwent Accession No. 1990-181364/199024	
	NPL40	Fan, T.-P.D., <i>et al.</i> , "Controlling the vasculature: angiogenesis, anti-angiogenesis and vascular targeting of gene therapy," <i>Trends Pharmacol. Sci.</i> 16:57-66, Elsevier Science Ltd. (February 1995)	
	NPL41	Isner, J.M., <i>et al.</i> , "Arterial Gene Therapy for Therapeutic Angiogenesis in Patients With Peripheral Artery Disease," <i>Circulation</i> 91:2687-2692, American Heart Association, Inc. (June 1995)	

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	NPL42	Isner, J.M. and Feldman, L.J., "Gene therapy for arterial disease," <i>Lancet</i> 344:1653-1654, The Lancet Ltd. (December 1994)	
	NPL43	Isner, J.M., <i>et al.</i> , "Physiologic Assessment of Angiogenesis by Arterial Gene Therapy with Vascular Endothelial Growth Factor," <i>J. Cell. Biochem. (Suppl. 21A)</i> :378, Abstract C6-215, Wiley-Liss (March-April 1995)	
	NPL44	Isner, J.M., "Therapeutic Angiogenesis in Vascular Medicine," Project No. R01 HL53354-01, Abstract (March 1995)	
	NPL45	Kubo, H., <i>et al.</i> , "Blockade of vascular endothelial growth factor receptor-3 signaling inhibits fibroblast growth factor-2-induced lymphangiogenesis in mouse cornea," <i>Proc. Natl. Acad. Sci.</i> 99:8868-8873, The National Academy of Sciences (June 2002)	
	NPL46	Kuzuya, M. and Kinsella, J.L., "Induction of Endothelial Cell Differentiation <i>in Vitro</i> by Fibroblast-Derived Soluble Factors," <i>Exp. Cell Res.</i> 215:310-318, Academic Press, Inc. (December 1994)	
	NPL47	Maher, P.A., "Stimulation of Endothelial Cell Proliferation by Vanadate Is Specific for Microvascular Endothelial Cells," <i>J. Cell. Physiol.</i> 151:549-554, Wiley-Liss, Inc. (1992)	
	NPL48	Mesri, E.A., <i>et al.</i> , "Expression of Vascular Endothelial Growth Factor From a Defective Herpes Simplex Virus Type 1 Amplicon Vector Induces Angiogenesis in Mice," <i>Circulation Res.</i> 76:161-167, American Heart Association, Inc. (February 1995)	
	NPL49	Mühlhauser, J., <i>et al.</i> , "In Vivo Gene Transfer into Porcine Cardiac Cells with a Replication-Deficient Recombinant Adenovirus Vector," <i>Circulation</i> 88:I-475, Abstract No. 2558, American Heart Association (October 1993)	
	NPL50	Mühlhauser, J., <i>et al.</i> , "VEGF ₁₆₅ Expressed by a Replication-Deficient Recombinant Adenovirus Vector Induces Angiogenesis In Vivo," <i>Circulation Res.</i> 77:1077-1086, American Heart Association, Inc. (December 1995)	
	NPL51	Oikawa, T., <i>et al.</i> , "Three Isoforms of Platelet-Derived Growth Factors All Have the Capability to Induce Angiogenesis <i>In Vivo</i> ," <i>Biol. Pharm. Bull.</i> 17:1686-1688, (December 1994)	

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				First Named Inventor	Hu, Jing-Shan
				Art Unit	1647
				Examiner Name	Landsman, Robert S.
Sheet	3	of	4	Attorney Docket Number	1488.100000O/HCC/LMB

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	NPL52	Pajusola, K., <i>et al.</i> , "Signalling properties of FLT4, a proteolytically processed receptor tyrosine kinase related to two VEGF receptors," <i>Oncogene</i> 9:3545-3555, Macmillan Press Ltd. (December 1994)	
	NPL53	Pepper, M.S., <i>et al.</i> , "In Vitro Angiogenic and Proteolytic Properties of Bovine Lymphatic Endothelial Cells," <i>Exp. Cell Res.</i> 210:298-305, Academic Press, Inc. (January 1994)	
	NPL54	Plate, K.H., "From angiogenesis to lymphangiogenesis," <i>Nat. Med.</i> 7:151-152, Nature America, Inc. (February 2001)	
	NPL55	Spranger, J. and Pfeiffer, A.F.H., "New concepts in pathogenesis and treatment of diabetic retinopathy," <i>Exp. Clin. Endocrinol. Diabetes</i> 109(Suppl. 2):S438-S450, J.A. Barth Verlag (2001)	
	NPL56	Stacker, S.A. and Achen, M.G., "The Vascular Endothelial Growth Factor Family: Signalling for Vascular Development," <i>Growth Factors</i> 17:1-11, Taylor & Francis (1999)	
	NPL57	Symes, J.F. and Sniderman, A.D., "Angiogenesis: potential therapy for ischaemic disease," <i>Curr. Opin. Lipidol.</i> 5:305-312, Current Science Ltd. (August 1994)	
	NPL58	Takeshita, S., <i>et al.</i> , "In Vivo Evidence of Enhanced Angiogenesis Following Direct Arterial Gene Transfer of the Plasmid Encoding Vascular Endothelial Growth Factor," <i>Circulation</i> 88:I-476, Abstract No. 2565, American Heart Association (October 1993)	
	NPL59	Takeshita, S., <i>et al.</i> , "Therapeutic Angiogenesis. A Single Intraarterial Bolus of Vascular Endothelial Growth Factor Augments Revascularization in a Rabbit Ischemic Hind Limb Model," <i>J. Clin. Invest.</i> 93:662-670, The American Society for Clinical Investigation, Inc. (February 1994)	
	NPL60	Walsh, D.A. and Pearson, C.I., "Angiogenesis in the pathogenesis of inflammatory joint and lung diseases," <i>Arthritis Res.</i> 3:147-153, BioMed Central Ltd. (February 2001)	
	NPL61	Williams, R.S., "Southwestern Internal Medicine Conference: Prospects for Gene Therapy of Ischemic Heart Disease," <i>Am. J. Med. Sci.</i> 306:129-136, Lippincott Williams & Wilkins (August 1993)	

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	NPL62	Witzenbichler, B., <i>et al.</i> , "Vascular Endothelial Growth Factor-C (VEGF-C/VEGF-2) Promotes Angiogenesis in the Setting of Tissue Ischemia," <i>Am. J. Pathol.</i> 153:381-394, American Society for Investigative Pathology, Inc. (August 1998)		
	NPL63	Yeung, P.K.F., "VEGF-2," <i>Curr. Opin. Invest. Drugs</i> 2:796-800, PharmaPress Ltd. (June 2001)		
	NPL64	Litwin, M.S., <i>et al.</i> , "Role of Cytokines in Endothelial Cell Functions," in <i>Human Cytokines: Their Role in Disease and Therapy</i> , Aggarwal, B.B. and Puri, R.K., eds., Blackwell Science, Boston, Chapter 7, pp 101-129 (January 1995)		
	NPL65	Walsh, C.E., <i>et al.</i> , "Gene Therapy for Human Hemoglobinopathies," <i>Proc. Soc. Exp. Biol. Med.</i> 204:289-300, Society for Experimental Biology and Medicine (December 1993)		
	NPL66	Anderson, W.F., "Human gene therapy," <i>Nature</i> 392:25-30, Macmillan Magazines Ltd. (April 1998)		
	NPL67	Maynard, J. and Georgiou, G., "Antibody Engineering," <i>Annu. Rev. Biomed. Eng.</i> 2:339-376, Annual Reviews (August 2000)		
	NPL68	Morea, V., <i>et al.</i> , "Antibody Modeling: Implications for Engineering and Design," <i>Methods</i> 20:267-279, Academic Press (March 2000)		

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